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NPIC/TSSG/DED-1704-69 2 July 1969

MEMORANDUM FOR THE RECORD

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Declass Review by NIMA/DOD

GROUP 1 Excluded from automatic downgrading and declassification

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The Advanced 918 Light Table Prototype

SUBJECT:

could be reduced and this would reduce the force required to turn the film engineers, this would also 25X1 speeds. According to the eliminate the oscillations in the tensioning system. The engineers did not feel that they could do much to improve the efficiency of the mechanical system. The bi-directional system requires use of clutchs, long power trains, switches, etc. which all add friction to the system. It appears that at its best, the manual system would still require two to four pounds of force to turn the film. It was, therefore, conceded that the manual drive system could never be made completely acceptable. has been requested to remove the bi-directional 25X1 manual system, to add handwheels to the ends of the spools (in the power mode when the film is not moving, the handwheels can be used as an over-ride to move the film in either direction), and to improve other deficiencies in the has agreed to make these changes at no additional light table. 25X1 cost and the table was shipped back to 25X1 25X1 TESC/DED/SDB Distribution: Orig . DED Rt & File 1 - TSSG/DED Chrono 1 - TSSG/DED/SDB Chrono (2 Jul 69) 25X1 NPIC/TSSG/DED/SDB/